

## ***Workshop in Methods***

# **A Brief Introduction to Multilevel Modeling: Concepts & Applications**

## **Dr. Leslie Rutkowski**

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Department of Counseling and Educational Psychology*

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In this two-hour workshop, participants will be provided with a brief overview of multilevel modeling concepts and several applications, including random intercepts and random slopes models. Several examples will be provided along with SAS syntax and a data set will be made available. Participants will have an opportunity to fit several models in SAS and interpret the results.



*Leslie Rutkowski earned her PhD in Educational Psychology with a specialization in Statistics and Educational Measurement from the University of Illinois at Urbana-Champaign. Leslie's research is focused in the area of international large-scale assessment from both methodological and applied perspectives. Her interests include the impact of background questionnaire quality on achievement results, latent variable models for achievement estimation, and examining methods for comparing heterogeneous populations in international surveys.*

**Friday, February 27, 2015, 2-4 pm**

Social Science Research Commons Grand Hall  
Woodburn Hall 200